

**0.03A、0.1A、0.3A**  
Rated residual action current

**RCCB** IEC/EN 61008-1 GB/T 16916.1  
**CE CB SAA URAC**

# GYL9



GYL9 residual current operated circuit breaker is suitable for AC 50/60Hz, rated voltage two poles 240V, four poles 415V, rated current up to 100A lines. When a person is electrocuted or the leakage current of the power grid exceeds the specified value, the circuit breaker can quickly cut off the faulty power supply in a very short time, protecting the safety of people and electrical equipment. It can also be used for infrequent on/off operations of the line under normal conditions. Circuit breakers are suitable for various occasions such as industrial, commercial, high-rise, and residential use.

- RoHS 2.0 compliant
- Double busbar wiring function
- With leakage fault indication
- Wiring Capacity 1-35mm<sup>2</sup>



## Product Model And Implication

GYL9	□
Product model	Protection type
RCCB	M (electromagnetic type) E (electronic)

## Residual leakage current breaking time

Tripping Type	Rated current In(A)	Rated residual action current I <sub>Δn</sub> (mA)	Residual current breaking time (s)				
			I <sub>Δn</sub>	2I <sub>Δn</sub>	5I <sub>Δn</sub>	5A~200A	500A
General Type	16~100	0.03、0.1、0.3	≤0.1	≤0.08	≤0.04	≤0.04	≤0.04
Type S			0.13~0.5	0.06~0.2	0.05~0.15	0.04~0.15	0.04~0.15
Type si			0.09~0.13	0.05~0.15	0.04~0.15	0.04~0.15	0.04~0.15

## Technical Specification

- Rated Voltage (Un) 230/240V、240/415V
- Rated Current (In) 16A、20A、25A、32A、40A、50A、63A、80A、100A
- Rated insulation voltage (Ui) 500V
- Rated impact tolerance voltage (Uimp) 4kV
- Rated residual action current (I<sub>Δn</sub>) 0.03A、0.1A、0.3A
- Poles 1P+N、3P+N
- Residual current action type AC、A、AC-S、A-S、A-Si、AC-Si
- Working Frequency 50/60Hz
- Rated limit short circuit current (Inc) 6000A、10000A
- Rated limit Remaining short circuit current (I<sub>Δc</sub>) 6000A、10000A
- Rated on and off capacity (Im) 500A(In≤50A),or 10In(In=63A)
- Rated residual switching and breaking capacity (I<sub>Δm</sub>) 500A(In≤50A),or 10In(In=63A)
- Tightening moment: 2.5N·m
- Class of protection: IP20
- Installation : TH35-7.5 standard guide rail
- Mechanical life: 10000 times
- Electrical life: 4000 times

## Outline Overall And Installing Dimensions

